PATENT COOPERATION TREATY

From the INTERNATIONAL SEARCHI	NG AUTH	ORITY		
To: JEFFRY S. MANN MORGAN LEWIS & BOCKJ 2 PALO ALTO SQUARE, SU 3000 EL CAMINO REAL				PCT REC'D 13 JUN 2003 ITTEN OPINION OF THE
PALO ALTO, CA 94304			INTERNATIO	ONAL SEARCHING AUTHORITY P
				(PCT Rule 43bis.1)
			Date of mailing (day/month/year)	10 JUN 2005
Applicant's or agent's file refe 40853-5146WO	erence		FOR FURTHER	ACTION See paragraph 2 below
International application No.		International filing date	(day/month/year)	Priority date (day/month/year)
PCT/US04/40709		03 December 2004 (03.)	12.2004)	03 December 2003 (03.12.2003)
International Patent Classifica	ation (IPC)			
IPC(7): A61K 38/16; 38/12 a	ind US Cl.:	514/8; 530/324		
Applicant				
NEOSE TECHNOLOGIES, I	NC			
1. This opinion contains ind	lications rel	ating to the following iten	ns:	
Box No. I	Basis of the	e opinion		
Box No. II	Priority			İ
Box No. III	Non-establ	ishment of opinion with re	gard to novelty, inve	ntive step and industrial applicability
Box No. IV	Lack of un	ity of invention		
Box No. V		statement under Rule 43 <i>bi</i> ; ty; citations and explanation		o novelty, inventive step or industrial tatement
Box No. VI	Certain do	cuments cited		
Box No. VII	Certain dei	fects in the international ap	oplication	
Box No. VIII	Certain ob:	servations on the internation	onal application	
2. FURTHER ACTION	ŧ			
International Preliminar Authority other than this	y Examini s one to be	ng Authority ("IPEA") e	except that this does IPEA has notified the	be considered to be a written opinion of the not apply where the applicant chooses an he International Bureau under Rule 66.1bis(b) ered.
IPEA a written reply tog of Form PCT/ISA/220 or	gether, whe r before the	re appropriate, with amen expiration of 22 months f	dments, before the $f ex$	PEA, the applicant is invited to submit to the contraction of 3 months from the date of mailing whichever expires later.
For further options, see I	Form PCT/I	SA/220.		
3. For further details, see no	otes to Form	n PCT/ISA/220.		
Name and mailing address of Mail Stop PCT, Attn: Commissioner for Pat P.O. Box 1450 Alexandria, Virginia	ISA/US tents	S	Authorized office Thomas S Heard Telephone No. (This pelon

Facsimile No. (703) 305-3230
Form PCT/ISA/237 (cover sheet) (January 2004)

WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY

International application No.
PCT/US04/40709

Box No. I Basis of this opinion
1. With regard to the language, this opinion has been established on the basis of the international application in the language in which it
was filed, unless otherwise indicated under this item. This opinion has been established on the basis of a translation from the original language into the following language which is the language of a translation furnished for the purposes of international search (under Rules 12.3 and 23.1(b)).
 With regard to any nucleotide and/or amino acid sequence disclosed in the international application and necessary to the claimed invention, this opinion has been established on the basis of:
a. type of material
a sequence listing
table(s) related to the sequence listing
b. format of material
in written format
in computer readable form
c. time of filing/furnishing
contained in international application as filed.
filed together with the international application in computer readable form.
furnished subsequently to this Authority for the purposes of search.
 In addition, in the case that more than one version or copy of a sequence listing and/or table relating thereto has been filed or furnished, the required statements that the information in the subsequent or additional copies is identical to that in the application as filed or does not go beyond the application as filed, as appropriate, were furnished. Additional comments:

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WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY

International application No. PCT/US04/40709

N. M. Descaped statement under Rule		الملسف ساد الماد الم
applicability; citations and expla	43 bis.1(a)(i) with regard to novelty, inveanations supporting such statement	ntive step or industrial
. Statement		
Navalty (NI)	Claims 1-23	YES
Novelty (N)	Claims NONE	
		YES
Inventive step (IS)	Claims 1-23 Claims NONE	
	Claims NONE	
Industrial applicability (IA)	Claims 1-23	YES
	Claims NONE	NO
Claims 1-23 meet the criteria set out in PCT Articl and pegylation of FSH as disclosed in the instant a Claims 1-23 meet the criteria set out in PCT Article be made or used in industry.	ippiication.	

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